

Name: _____

p1106: Solve by factoring (v8)

1. Solve the equation

$$x^2 - 14x + 49 = 0$$

2. Solve the equation

$$x^2 + 9x + 18 = 0$$

3. Solve the equation

$$8x^2 - 4x - 69 = 7x^2 - 2x - 6$$

4. Solve the equation

$$6x^2 + 16x + 22 = 5x^2 + 6x - 3$$

5. Solve the equation

$$2x^2 - 14x + 27 = x^2 - 4x + 3$$

6. Solve the equation

$$3x^2 - 10x + 3 = 0$$

7. Solve the equation

$$7x^2 - 33x - 54 = 0$$

8. Solve the equation

$$4x^2 + 27x + 33 = x^2 + 5x + 9$$

9. Solve the equation

$$16x^2 - 44x + 19 = 5x^2 - 6x + 4$$

10. Solve the equation

$$15x^2 + 70x - 11 = 4x^2 + 7x + 7$$